

Application Number : 10/701,404 Confirmation Number: 6346
Applicant : Benjamin Wilken et al.
Filed : 3 November 2003
T.C./A.U. : 2431
Examiner : Squires, Brett S.
Docket Number : RIV-0490
Customer No. : 22835

Proposed amendment
Via Fax (571) 273-8021

PROPOSED AMENDMENT

Dear Examiner Squires,

In view of the telephone conference scheduled on 07 April 2009,
Applicant kindly asks Examiner to consider the following proposed amendment.
Applicant has re-written claim 1 with more clarification based on the allowable
subject matter.

- 1 1. (Currently amended) A computer implemented method of detecting
2 scanning attacks, comprises:
3 adding host-pair ~~connection-records~~ to a ~~connection-table~~first data
4 structure stored on a computer readable medium when a host accesses another
5 host during a first update period;
6 ~~at the end of a first update period, accessing the connection table to~~
7 ~~determine new host pairs; determining the number of new host pairs added to the~~
8 ~~connection-table~~first data structure over the first update period; and
9 ~~aggregating records from the first data structure into a second data~~
10 structure which corresponds to a second update period that is greater than the first
11 update period;
12 determining the number of new host pairs added to the second data
13 structure over the second update period; and

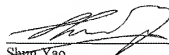
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14 indicating a host as a scanner when at least one of the following conditions
15 is true:
16 (1) if ~~at~~ the host has ~~made~~ appears in more than a first threshold number
17 "C1" host pairs within the first update period, and ~~as~~ a historical number of host
18 pairs is smaller than the first threshold number by a first factor value "C2," and
19 , then
20 (2) the host appears in more than a second threshold number "C4" host
21 pairs within the second update period, and a historical number of host pairs is
22 smaller than the second threshold number by a first factor value "C5."

Respectfully submitted,

By



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